

Ramya Murugan

- **Career Objective**

- With 5 years of in hand experience, seeking an opportunity to pursue a highly rewarding career and healthy work environment, where I can utilize technical skills and knowledge efficiently for the organization's growth.

- **Educational Qualification**

B.E -Electronics and Communication Engineering

University College of Engineering Tindivanam, Anna University.

- **Professional Experience:**

- **Project: MedSono**

- **Job role**

- Worked in designing and developing new features and functionality for software applications as per requirements as well as in identifying and debugging defects in application code. Ability to grasp and apply new concepts quickly and stay updated with latest trends and technical advancements.
- Developing software code using C# programming language to meet design specifications, and user requirements as well as deliver high-quality applications with-in specified deadlines.

- **Project: Touch Keyboard**

- Touch keyboard is a UI design for touch screens that controls the ultrasound Scanner in the medical field.

- **Description:**

- Worked for creating Desktop application for touchscreen monitor for medical purpose. This project controls the ultrasound scanning device(Echowave) using touch screen UI by automation technique. It helps the user more conveniently to scan the patient and control the Scanner directly or by using a touchable keyboard.

- **Responsibilities:**

- Designed a responsive UI for Touch screen by using WPF. Here I used XAML for designing and the controls looked like 3D.
- The pattern which was used MVVM.
- The functionality of the Touch UI is to control the Winform application (Echo Wave) and get values from that application by automation with the help of the Inspect tool.
- Implemented the Log writer dll using C# language.

- **Project: PRIME**

- **Description:**

- It is Hospital application. In prime project mainly I worked in asset Module. In this Module I used to do form design, and the complete Functionality for the created design. The functionality mainly focused on loading data of the asset from the database if the user edits something in form, then have to update in database if the particular asset already in database otherwise, we used to create new asset in database. There are many forms in asset module

Ramya Murugan

namely for creating new asset, transferring asset from one place to another place, maintaining child asset for particular asset, cost of the asset, purchase details, reselling details etc.

- Created RDLC report for getting Asset detail in WPF.
- **Languages:** C#, XAML, SQL Basics
- **Framework:** .Net (WPF, WinForms, RDLC report)
- **Project:** Eineihaloshon
 - **Description:**
 - It is a learning application. In this project currently working on Timer and their functionality, bug fixing. This application is for learning Hebrew language. In timer functionality I implemented logic for allowing the student to do exercises particular time limit only, and we have many flow changes for timer according to the student option to click on application and created logic for checking the idle condition of the application for giving flexibility to the students to not waste their application time if the students not in the application page, and the student is inactive after opening the exercise. The skill am using here is C#, SQL, XAML, WPF, basics of API.
- **Project:** LinaTech 3D Printer
 - **Description:**
 - This project builds to manage 3D printer for supplied jobs to print and also configure printer and projector as per the supplied jobs in the form of JPG or PNG files.
 - Projector is used to manage contrast and brightness for the supplied job
 - Through this project managed axis of 3D Printer Nodes as per the supplied jobs.
 - Build admin console to manage the Jobs supplied by the specific user.
 - Build the encrypted licensing system using user's credentials for every user.
 - Task and Responsibilities:
 - Build the worker module to supply the printing jobs to the printer and manage the queue in the printer and also keep the track records of the supplied jobs e.g. How much time taken by the jobs etc.
 - Manage and apply the configuration to the printer and for each and every job and save the same to the DB.
 - Build setup exe with taking some by default configuration of projector and printer and save it to registry Using Inno setup tool.
- **Overall skillset:**
 - WPF, Win-Form, XAML, C#, RDLC report, SQL basics, API basics